

PRIBYL, Frantisek, inz.

"Photometry and colorimetry of luminescent screens" by
J.Kamler. Reviewed by Frantisek Pribyl. Slaboproudý ob-
zor 24 no.11: Supplement: Literatura 24 no.11: 187 N'63.

PUZMAN, Josef, inz.; PRIBYL, Jiri, inz.

Frequency dividers in the pulse technique. Sdel tech 10 no.11:409-
412 N '62.

2

CZECHOSLOVAKIA

DONOCIK, A., MD; PRIBYL, J., Engineer

Third Internal Medicine Clinic of the Faculty of General
Medicine of Charles University (III. vnitřní klinika
fakulty všeobecného lékařství Karlovy univerzity),
Prague (for both)

~~Seznam~~ Průběh. Vnitřní lékařství. No 5, 1963, pp 425-
428

"Methods of Taking Stomach Temperature."

PRIEYL, J.

Some problems of producing and using self-closing valve bags. p. 182.

PAPIR A. CELULOSA. (Ministerstvo lesu a drevarskeho prumyslu) Praha, Czechoslovakia.
Vol. 14, no. 8, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 10, Oct. 1959.
uncl.

PRIBYL, Josef, prof. dr. inz. DrSc.

Contribution to the development of the theory of welding. Sbor
VSB Ostrava 10 no.4:409-417 '64.

Chemical effect of environment on fluid steel. Ibid.:431-
448

Classification and elimination of nodal points in steel
castings. Ibid.:467-484

1. Higher School of Mining, Ostrava. Submitted April 5, 1963,
April 22, 1963.

PRIBYL, Josef, prof. dr. inz. DrSc.; PLACHY, Jan, inz.

Casting steel automobile handles in semimolds with blunt angle reversing. Sbor VSB Ostrava 10 no.4:485-500 '64.

1. Higher School of Mining, Ostrava. Submitted April 5, 1963.

PRIBYL, Josef, prof. dr. inz. DrSc.; HAVLICEK, Frantisek, doc. inz. CSc.

Size and shape changes in metallic molds. Sbor VSB Ostrava 10
no.4:581-597 '64.

1. Higher School of Mining, Ostrava. Submitted May 22, 1963.

PRIBYL, Josef

Making better use of metals in casting. Slevarenstvi 10 no.1:2-8
Ja '62.

1. Vysoka skola banska, Ostrava.

PISEK, F.; PRIBYL, J.

Outlook for the education of foundry engineers. Slevarenstvi 11
no.2:88 F '63.

PRIBYL, J.

Selected methods of production of steel pipe fittings. p. 18.

SLEVARENSTVI. Praha, Czechoslovakia Vol. 7, no. 1, Jan. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
uncla.

PRIBYL, J.; RYS, P.

Proceedings in committees in the 25th International Foundry Congress. p. 25.

SLEVARENSTVI. Praha, Czechoslovakia. Vol. 7, no. 1, Jan. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959
uncla.

PRIBYL, J.

A new method of casting steel flanged armature bodies. Tr. from the Czech.
p. 145.

PRZEGLED ODLEWNICTWA. Krakow, Poland. Vol. 9, no. 6, June, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 9, September 1959.
Uncl.

FRIBYL, J.

A new view on the analysis and determination of the defects of castings. p. 7.
(Przegląd Odlewnictwa, Vol. 7, No. 1, Jan 1957, Krakow, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

L 25721-65 EMT(m)/ENP(w)/ENA(d)/T/ENP(t)/ENP(b)/ENP(1) JD
 ACCESSION NR: AP4047682 Z/0032/64/014/010/0763/0766

AUTHOR: Pokorny, R. (Engineer); Pribyl, J.

TITLE: Effect of interruptions on the results of creep strength tests

SOURCE: Strojirenstvi, v. 14, no. 10, 1964, 763-766

TOPIC TAGS: steel creep, creep resistance, creep test

ABSTRACT: Working at the Lenin Works (former Skoda Works) in Pilsen in 1961, the authors built a circular machine with 8 chains of 4 steel specimens each hanging under weighted-lever tension in a round resistance furnace at carefully regulated temperatures (see Fig. 1 of the Enclosure). A similar machine was build to hold 80 samples at once in 10 chains, each test rod being 32 mm long. Temperature was maintained at 600C with a maximum deviation of +2.5C and tension up to 1,000 kp. Four grades of steel (CSN 12 225, CSN 17 235, T 58 and T 58 A) in 155 identical dumbbell rods were tested at different heats and tensions for up to 10,000 hours, during which as many as 5 interruptions were caused by replacing ruptured samples. These tests proved that such sudden release from tension and the cooling substantially prolongs the time to rupture of certain samples, an effect which increased as the number of interruptions multiplied. By measuring stress

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ACCESSION NR: AP4047682

waves it was found that time to rupture was longest in samples farthest in the chain from the first rupture. Orig. art. has: 10 figures and 3 tables.

ASSOCIATION: ZVIL, Plzen

SUBMITTED: 00

ENCL: 01

SUB CODE: MM

NO REF SOV: 002

OTHER: 010

Card 2/3

PRIBYI, Jaroslav

Single-purpose composite and special machines. Strof vtr
13 no.1.3.-36 Ja 165.

1. Stalni vyrobny aredila National Enterprise, Prague.

SOV/128-59-5-6/35

18(5)

AUTHOR: Pribyl, J., Professor

TITLE: Production of Cast Steel Fittings

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 5, pp 13-15 (USSR)

ABSTRACT: Production of valves with flanges is difficult. The orthodox method was based on a horizontal of the mold and the castings. The liquid metal being cast between flange and body. The casting process of the valves is described (Fig. 1 and 2). The method, worked out by the author, is based on the principle that into in an upper and lower molding box (Fig. 3) the various molds (made of core pieces Fig. 4) are put together, according to a system as shown in Fig. 5. During the casting process the mold first has a horizontal position (Fig. 6 a) and later is put into vertical position Fig. 6b), and remains in this position till the casting is cooled down. Fig. 7 and 8 show raw castings. In reference 10, a formula for determination of the diameter of the valve-casting is given. The increase comparing the output in per cent of the ortho-

Card 1/2

Production of Cast Steel Fittings

SOV/128-59-5-6/35

dox and the new method is listed. There are 8
photographs, 2 diagrams and 10 references, 6 of which
Czech, 1 English and 3 Soviet.

Card 2/2

PRIBYL J.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their H-33
Application. Cellulose and Its Derivative. Paper.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17847

Author : Pribyl, J.
Inst : ~~Not given~~
Title : Paper Twine

Orig Pub : Papir a celuloza, 1958, 13, No 7, 158-160

Abstract : Review of several grades of paper twine of raw materials
for their manufacture and requirements with regard to
finished products based on the Czechoslovakian standards.

Card 1/1

H-150

PRIBYL, Jaroslav, dr.

Post offices in Prague. Cs spoje 7 no.6:24-25 Je '62.

1. Mestska postovni sprava.

Pribyl, J.

CZECHOSLOVAKIA/Chemical Technology. Chemical I-25
Products and Their Application--Wood chemistry
products, Cellulose and its manufacture.
Paper.

Abs Jour: Ref Zhur-Khimie, No 3, 1957, 10056

Author : Pribyl, J.
Inst : Not given
Title : Paper For Bags

Orig Pub: Papir a celuloza, 1958, Vol 11, No 3, 181-184
(in Czech)

Abstract: No abstract.

Card 1/1

PRIBYL, J.

"Study of the heat balance of foundry molds."

p. 2 (Hutník, Vol. 8, No. 1, January 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (MEAI) IC, Vol. 7, No. 9, September 1958.

PRIBYL, J.

Why and how do we close sacks by special sewing machines? p. 210. (Prumysl
Potravin, Vol. 8, No. 4, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

Pribyl, J.

Cement packing for overseas shipments. p.103

(Stavivo. Vol. 35, no. 3, Mar. 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EMAL) LC, Vol. 6, no. 10, October 1957. Uncl.

PRIBYL, J.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
their Applications. Cellulose and Cellulose
Products. Paper.

K-5

Abs Jour: Ref Zhur-Khimiya, No 1, 1958, 3307/

Author : Pribyl J.

Inst :

Title : Modern Machine Equipment for Making Paper Bags

Orig Pub: Papir e celulosa, 1957, 12, No 7, 153-155.

Abstract: Basic, auxiliary, and accessory machines are considered.

Card : 1/1

Pr, by L, J.

18 2
Some Aspects of Steelworks Mould Construction. J. Průha. (Storník Vědeckých Prací Vysoké školy Báňské v Ostravě, 1950, 2, (2), 101-103). [In Czech]. The inadequacy of the criterion of the ratio of the ingot weight to that of the mould weight in mould design is pointed out, and the relatively greater importance of wall thickness and absence of discontinuities in the walls is emphasized. The life of moulds is shortened by thermal shock, the latter being severe with ingots having concave or wavy profiles. The author proposes abolition of such shapes.—P. r.

Pribyl, J

18
Material for Steelworks Moulds and Some Aspects of Processing. J. Pribyl and B. Zeman. *Hutník*, 1956, 6, (19), 284-290. [In Czech]. Grey cast iron is recommended, and the method of mould manufacture considered to give best results is discussed.—P. P.
11 3
65

PRIBYL, J.

2)

New Approach to the Analysis and Definition of Casting Defects J. Pribyl. Przemysł Odlewnictwa, 1957, 7, Jan., 7-12). (In Polish). Definitions of casting defects and the conditions for their formation are discussed. The critical period, the speed and time of formation of defects are described, and suggestions of eliminating them are given.

PRIEYL, J.

Hidden defects in casts."

p. 47 (Sbornik Vedeckych Praci) Vol. 3, no. 1, 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) L. Vol. 7, no. 4,
April 1958

TRIBYL, J.

[illegible]

PROCESSES AND PROPERTIES INDEX

PRODUCTIVITY STANDARDS IN FOUNDRIES. J. Pribyl. (Hutnické Listy 1950, vol. 5, Sept., pp 367-373). In Czech. Means of increasing the productivity of labour in foundries are discussed and the author presents a method of specifying the productivity of individual shops and workers which is suitable for evaluating the output for all types of casting. The percentage of casting rejects, degree of utilization of metal, consumption of fresh sand, and adherence to delivery dates are also taken into consideration. The procedure for specifying output is illustrated by a practical example in which the output standards are drafted for a foundry worker per week and his productivity is evaluated taking all the above factors into consideration. Formulae to be used for the calculation of such output specifications are given.

E. G.

p-44

S M - 5 L A METALLURGICAL LITERATURE CLASSIFICATION

E-2 **1998** **1999** **2000** **2001** **2002** **2003** **2004** **2005** **2006** **2007** **2008** **2009** **2010** **2011** **2012** **2013** **2014** **2015** **2016** **2017** **2018** **2019** **2020** **2021** **2022** **2023** **2024** **2025** **2026** **2027** **2028** **2029** **2030** **2031** **2032** **2033** **2034** **2035** **2036** **2037** **2038** **2039** **2040** **2041** **2042** **2043** **2044** **2045** **2046** **2047** **2048** **2049** **2050** **2051** **2052** **2053** **2054** **2055** **2056** **2057** **2058** **2059** **2060** **2061** **2062** **2063** **2064** **2065** **2066** **2067** **2068** **2069** **2070** **2071** **2072** **2073** **2074** **2075** **2076** **2077** **2078** **2079** **2080** **2081** **2082** **2083** **2084** **2085** **2086** **2087** **2088** **2089** **2090** **2091** **2092** **2093** **2094** **2095** **2096** **2097** **2098** **2099** **2100** **2101** **2102** **2103** **2104** **2105** **2106** **2107** **2108** **2109** **2110** **2111** **2112** **2113** **2114** **2115** **2116** **2117** **2118** **2119** **2120** **2121** **2122** **2123** **2124** **2125** **2126** **2127** **2128** **2129** **2130** **2131** **2132** **2133** **2134** **2135** **2136** **2137** **2138** **2139** **2140** **2141** **2142** **2143** **2144** **2145** **2146** **2147** **2148** **2149** **2150** **2151** **2152** **2153** **2154** **2155** **2156** **2157** **2158** **2159** **2160** **2161** **2162** **2163** **2164** **2165** **2166** **2167** **2168** **2169** **2170** **2171** **2172** **2173** **2174** **2175** **2176** **2177** **2178** **2179** **2180** **2181** **2182** **2183** **2184** **2185** **2186** **2187** **2188** **2189** **2190** **2191** **2192** **2193** **2194** **2195** **2196** **2197** **2198** **2199** **2200** **2201** **2202** **2203** **2204** **2205** **2206** **2207** **2208** **2209** **2210** **2211** **2212** **2213** **2214** **2215** **2216** **2217** **2218** **2219** **2220** **2221** **2222** **2223** **2224** **2225** **2226** **2227** **2228** **2229** **2230** **2231** **2232** **2233** **2234** **2235** **2236** **2237** **2238** **2239** **2240** **2241** **2242** **2243** **2244** **2245** **2246** **2247** **2248** **2249** **2250** **2251** **2252** **2253** **2254** **2255** **2256** **2257** **2258** **2259** **2260** **2261** **2262** **2263** **2264** **2265** **2266** **2267** **2268** **2269** **2270** **2271** **2272** **2273** **2274** **2275** **2276** **2277** **2278** **2279** **2280** **2281** **2282** **2283** **2284** **2285** **2286** **2287** **2288** **2289** **2290** **2291** **2292** **2293** **2294** **2295** **2296** **2297** **2298** **2299** **2300** **2301** **2302** **2303** **2304** **2305** **2306** **2307** **2308** **2309** **2310** **2311** **2312** **2313** **2314** **2315** **2316** **2317** **2318** **2319** **2320** **2321** **2322** **2323** **2324** **2325** **2326** **2327** **2328** **2329** **2330** **2331** **2332** **2333** **2334** **2335** **2336** **2337** **2338** **2339** **2340** **2341** **2342** **2343** **2344** **2345** **2346** **2347** **2348** **2349** **2350** **2351** **2352** **2353** **2354** **2355** **2356** **2357** **2358** **2359** **2360** **2361** **2362** **2363** **2364** **2365** **2366** **2367** **2368** **2369** **2370** **2371** **2372** **2373** **2374** **2375** **2376** **2377** **2378** **2379** **2380** **2381** **2382** **2383** **2384** **2385** **2386** **2387** **2388** **2389** **2390** **2391** **2392** **2393** **2394** **2395** **2396** **2397** **2398** **2399** **2400** **2401** **2402** **2403** **2404** **2405** **2406**

PRIBYL J.

underlying body of work, which is based on 1965. 1. 10. 11. 12.

NET

PRIBYL, J.

21
The Reason for the Effect of Vibration on Liquid and
Solidifying Metal. J. Pribyl. (Stavopetrov, 1968, 4, Aug-Sept,
233-234). Vibration of the molten metal produces better
mechanical properties, suppresses blowholes and decreases
inclusions. A relationship between amplitude of vibration
and frequency and gravitational acceleration is noted to
produce the best castings. / 5

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PRIBYL, J.

18 18 4
Interior Tears in Thick Walled Steel Castings. J. Pribyl and E. Balazsky. (Problems and Perspectives in Cast Iron Metallurgy and Foundry, 1958, 367-377). Tears and gravity tears are distinguished, the former caused by a large transverse temperature gradient. Interior chilling, low pouring temperature and the use of degassed metal low in S and P are recommended. Gravity tears are due to random solidification and inefficient feeding.

PRIBYL, J.

Equilibrium of steel solids. p. 133.
(HUTNIK. Katowice. Vol. 24, no. 4, Apr. 1957.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

PRIBYL, J.; KOSMOVSKY, Z.

Stresses in small and medium casting molds. p. 239.

HUTNIK. Vol. 6, no. 8, Aug. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

PRIBYL, J.; ZEMAN, B.

Materials for steel casting molds and remarks on processing. p. 296.

HUTNIK. Vol. 6, no. 10, Oct. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

PRIEVL, Jiradich

Prospective requirements on paper bag proudction. Papir a celuloza
19 no.8:234-236 Ag '64.

1. Severoceske papirny, Stati.

RIHYL, JOSLF

Tuhnutí a nalitkování odlitků. [Vyd. 1.] Praha, Státní nakl. technické literatury, 1954. 309 p. [Solidification and provision of risers of castings. 1st ed. illus., bibl. index]

30: Monthly List of East European Accession, (REFAL) LC, VOL. 4, NO. 11, Nov. 1955, Uncl.

Přibyl, Josef

✓ 11227* Types of Tears in Castings and Conditions Influencing Their Formation. Dejiny tržní a ovlivnění a podmínky jejich vzniku. (Czech.) Josef Přibyl. Strojnický, v. 4, no. 6, June 1956, p. 185-191.
Tears in castings can be attributed to either the base conditions influencing the origin of tension in castings in the dangerous temperature range, or to the secondary causes consisting of local or total lower material strength in castings. Micrographs, graphs, diagrams. 13 ref.

20/

PRIBYL, J.

Original and secondary defects of castings, p. 69, SLEVARENSTVI
(Ministerstvo strojirenstvi a Ministerstvo hutniho prumyslu a
rudnych dolu) Praha, Vol. 3, No. 3, Mar. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

Pribyl, J.

Pribyl, J. Paper sacks, p. 181.

Vol. 11, No. 8, Aug. 1956

PAPIR A CELULOSA

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

Pribyl, J.

Pribyl, J. The production and use of special paper bags, p. 18.

Vol. 12, No. 1, Jan. 1957

PAPIR A CELULOZA
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

PRIBYL, J.

Growth of cast iron in steel molds. p. 106. HUTNIK. (Ministerstvo hutního průmyslu a rudných dolů) Praha. Vol. 6, no. 4, Apr. 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

PRIBYL, J.

note Blowholes in Castings. J. Pribyl. (Strodenol, 1951, 1, (10), 280-284). [In Czech]. The nature and origin of blowholes in castings are considered. Their generation by dissolved gases, chemical reactions, mechanically trapped air or gas, as well as their prevention and removal, are discussed.

1

Reibyl, J.

13231* (Czech.) Growth of Cast Iron in Cast-Iron Molds
Used for Casting Steel. Růst litiny v ocelářských kokilách.
Josef Reibyl. Hutník, v. 6, on. 4, Apr. 1956, p. 108-113.
Primary growth is increase in volume due to the decomposition
of carbides, especially cementite. Factors affecting this growth
include structure and chemical composition of the cast iron,
the relation between temperature and diffusion, casting technique and the like.

of

PRIBYL, J.

1ST AND 2ND EGGERS		PROCESS AND PROPERTY INDEX	3RD AND 6TH EGGERS
COMMON ELEMENTS COMMON VARIANTS INDEX		5 X⁶ Quality Control in Steel Foundries. J. Pribyl. (Hutnická Listy, 1959, vol. 5, Jan., pp. 17-20; F&S, pp. 58-62). (In Czech). The author deals with the technical and administrative aspects of quality control in steel foundries, discussing successively the checking of raw materials, patterns, moulds, the melting process, cleaning, and inspection. The need is stressed for (a) preventing the mixing of high-alloy and low-alloy scrap, (b) correct drying of the wood for patterns, (c) testing vernishes for patterns, (d) testing sand, (e) testing the sand from each truck load, (f) checking the drawings and demanding changes of design if necessary, and (g) checking patterns and moulds after the first casting. When non-destructive testing apparatus is not available, the presence of trapped gas can be ascertained by drilling holes which are afterwards welded up.—E. G. p-44	
MATERIALS INDEX		ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION	E-2

Pribyl, J.

Stress
Internal stresses in Small and Medium Steelworks Moulds
 J. Pribyl and Z. Kocovsky. (Hutnik, 1934, 8, (8), 235-243).
 (in Czech). Internal stresses due to thermal gradients are
 analysed in terms of the heat transfer through moulds made of
 various types of cast iron. For the moulds considered a high
 pearlitic cast iron with 0.6-0.7% of combined carbon is
 recommended. The iron must be free from cementite, and the
 graphite, which should be lamellar, should be within the limits
 2.76-2.85%.—P. P.

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PRIBYL, J: POKORNY, J.

Determination of metals as drying agents in siccatives. p. 20.

Vol. 9, no. 1, Jan. 1955. Chemicke Avesti.

SOURCE: East European Accessions List (EEAL), LC, Vol 5, no. 3, March 1956

PRIBYL, Jaroslav, dr.

Tenant's right to install an outside aerial. Cs spoje 7 no.1:
16-17 Ja '62.

1. Pracovník Městské policejní správy, Praha.

PRIBYL, J.

Influence of research on the production, standardization, and use of paper bags. p.34.
NORMALISACE, Prague, Vol. 5, no. 2, Feb. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

PRIBYL, J.

Economic production of steel castings for armatures. Prace, p. 121,
SLEVARENSTVI (Ministerstvo strojiernstvi a Ministerstvo hutniho
prmyslu a rudnych dolu) Praha, Vol. 3, No. 4, Apr. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1955

PR 1 BY L, J

Effect of vibration on liquid metal during solidification. J. P. Poirier
and S. Shyne (Solidified, 1956, 2, 233-247). -- Vibrations of a
molten casting may confer improved properties such as prevention
of blowholes, decrease of inclusions, etc. The optimum conditions of
amplitude and frequency are examined mathematically. J. S. C.

2m

103 mk

~~PRZHIBYL~~, Yozef [Pribyl, Josef]; ZHUKOV, A.A., inzh. [translator];
BIDUL', P.N., prof., doktor tekhn.nauk, zaslužennyy deyatel'
nauki i tekhniki, red.; MARKIZ, Yu.L., inzh., red.izd-va;
DOBRITSYNA, R.I., tekhn.red.

[Theory of casting] Nekotorye voprosy liteinoi teorii. Pod
red. P.N.Bidulia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1961. 138 p. (MIRA 14:6)
(Founding)

PŘIBYL, JOSEF

✓58217. (Czech.) Materials and Processes for Making Ingot
Molds for Steel. Materiál pro ocelářské kokily a připomínky
k jeho zpracování. Josef Přibyl and Břetislav Zeman, Hutník,
v. 8, Oct. 1958, p. 286-288.
Gray cast iron is the most satisfactory material for making
ingot molds.

2 4
Met

PRIBYL, JOZEF

2

✓ 7379* (Polish) A New Approach to the Analysis and Definition of Foundry Defects. Nowy pogląd na analizę i określanie wad odlewów. Józef Pribyl, Przegląd Odlewnictwa, v. 7, Jan. 1957, p. 7-13.

RS
mjl

FRIBYL, J.

"Internal Quality of Casting. Prace." p. 1 (SLAVENSTVI. Vol. 2,
No. 4, Apr. 1954; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

PRIBYL, J.; POKORNY, J.

"Determination of Calcium and Zinc in Hardened Rosin", P. 329
(CHEMICKE ZVESTI, Vol. 8, No. 6, June 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

PRILEY
CZECH

Estimation of calcium and zinc in hardened rosin. I.
Pukorný and J. Příbyl (Pragolab, n.p., Prague). *Chem.
Zvesti* 8, 320-22 (1954).—The rosin was dissolved in pure
xylene, and Ca and Zn were extd. by HCl and detd. by volu-
metric soln. of complexon III (Schwarzenbach, *C.A.* 43,
7304i; 7309a). Jan Micka.

BI

PRIBYL, Josef, prof., dr.ing.

A new ~~method~~ for producing cast-steel flanged fittings. Koh lap 93
no.3: Suppl: Ontode 11 no.3:60-63 Mr '60.

1. Banyaszati Foiskola Ontodei Tanszeke, Ostrava.

PRIBYL, Jozef.
C Z E C H

9377* Original and Secondary Defects of Casting. Původní a druhotné vady odlitků. (Czech.) Jozef Pribyl. Slévárnictví, v. 3, no. 3, Mar. 1955, p. 69-72.
Causes and analyses of casting defects. Diagrams. 6 ref.

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12955* (Internal Casting Quality.) Příspěvek ke studiu
vnitřní jakosti odlitků. J. Pribyl. Strojnický, v. 2 no. 4;
Práce Československého Vědeckého Společnosti, v. 1, no.
4, 1954, p. 29-36.
Importance of temperature gradient during solidification.
Effect of casting design, gating, risering, and combination of
molding materials. Tables, diagrams, photographs, graphs. 21
ref.

J. PRIBYL

Journal of the Iron and
Steel Institute
July 1954
Foundry Practice

2
3
Determination of the Dimensions of Directly Fed Runners.
J. Pribyl and S. Simonik. (Státní zprávy, 1953, 1, (7), 176-180).
In Czech. The problem of the right dimensions of runners
in relation to the size and shape of the casting, the casting
temperature and the dimensions of the shrinkage cavity is
discussed. Nomograms are developed for determining the
size of the runners for various metals from a knowledge of the
shrinkage per unit volume of metal, and the casting temper-
ture.—P. F.

PRIBYL, J.

"Interrelation between the design and the quality of casting." p. 215.

SLEVARENSTVI. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenska vedecka technicka spolecnost pro hutnictvi a slevarenstvi). Praha, Czechoslovakia, Vol. 7, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

PRIBYL, J.

Problem of porosity in steel castings, p. 327

Ostrava, Czechoslovak Republic (City) Vysoka skola banska. SBORNÍK VEDECKÝCH
PRACÍ. Ostrava, Czechoslovakia, Vol. 4, no. 4, 1958

Monthly List of East European Accessions (EEAI), LV, Vol. 8, no. 7, July 1959
Uncl.

PRIBYL, MIRKO

PRIBYL, Mirko, MUDr

Treatment of congenital clubfoot in the first year of life. Acta
chir. orthop. traum. cach. 22 no.1-2:40-45 Feb 55.

1. Z orthopedické klin. MU v Brně; předn. prof. MUDr Bedřich Frejka
(CLUBFOOT
congen., ther. in first year of life)

PRIBYL, J.

Cracks in gear wheel castings. p. 17 (Slevarenstvi. Praha. Vol. 3, no. 1, Jan. 1954)

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 4, No. 6,
June 1955, Uncl.

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The determination of drying metals in driers. J. Pokorný and J. Pribyl (Chem. Zvesti, Prague).
Chem. Zvesti 9: 20-8 (1955).--A simple and rapid method was developed for volumetric determination of Co, Zn, Pb, Mn, Cu, and Ca in the form of naphthenates, linolates, and oleates. These metals are determined by a standard solution of "Komplexon III" after the extraction with mineral acids.

Jan Miska

MB
of ① gm.

PRIBYL J.

2

✓ Original and Secondary Defects in Castings. J. Pribyl.
(Sklářství, 1955, 3, (3), 69-72). (In Czech). The nature of
M faults in castings and the relation between different types
G also considered. It is shown that removal of primary faults
generally precluded formation of secondary ones. A
systematic list of primary and associated secondary faults is
given.—F. F.

OK

PRIBYL, Jindrich

Experience with new types of paper bags. Papir a celuloza
18 no.2:38-41 F '63.

1. Severoceske papirny, Stesti.

FRIBYL, Jindrich

Increasing use of plastics in the paper bag production. Papir
a celuloza 20 no.2:56-59 P '65.

Severoceske papirny, Stesti.

PHASE I BOOK EXPLOITATION

SOV/5695

Přibyl, Josef

Nekotoryye voprosy liteynoy teorii (Certain Problems in the Theory of Casting) Moscow, Mashgiz, 1961. 138 p. 4000 copies printed. Translated from the Czech by A. A. Zhukov, Engineer.

Ed. (Title page): P. N. Bidulya, Honored Scientist and Technologist, Doctor of Technical Sciences, Professor; Ed. of Publishing House: Yu. L. Markiz, Engineer; Tech. Ed.: R. I. Dobritsyna; Managing Ed. for Literature on Hot-Processed Metals: S. Ya. Golovin, Engineer.

PURPOSE: This book is intended for technical personnel concerned with the theory of foundry production.

COVERAGE: The book discusses certain problems of the theory of casting which were developed by the author in Czechoslovakia. Problems concerning the interaction of metal with the mold,

Card 1/A

Certain Problems (Cont.)

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solidification and its attendant phenomena, stresses in castings, etc., are reviewed. The articles making up the book were originally presented in report form before the Department of Founding Production of the MVTU (Moskovskoye vyssheye tekhnicheskoye uchilishche -- Moscow Higher Technical School) imeni Bauman, Professor N. N. Rubtsov, Director. There are 100 references: 69 Soviet, 17 English, 11 German, and 3 French.

TABLE OF CONTENTS:

Foreword	
The Mechanism of the Formation of Pinhole (Endogenous) Porosity in Steel Castings	3
Thermal Stresses in Sand Molds and Cores	5
The Mechanism and Kinetics of the Formation of Dents	20
Card 2/4	30

PRIBYL, Karel

"Flight safety" by J.G. Rubin. Reviewed by Karel Pribyl. ...
obtain 3 no. file by ...

PRIBYL, Kvetoslav, inz.

The effect of tillering dynamics on the yield of winter wheat.
Rost vyroba 8 no.11/12:1375-1386 D '62.

1. Vyzkumny ustav otilnarsky, Kromeriz.

PRIBYL, M.; SLOVAK, Z.

Determination of small amounts of methanol in the presence of formaldehyde. Chem prum 14 no. 3: 154-156 Mr '64.

1. Research Institute of Macromolecular Chemistry, Brno.

PRIBYL, M.

Polarometric determination of small amounts of carbon dioxide
in aqueous solutions. Coll Cz Chem 28 no.8:2158-2162 Ag '63.

1. Forschungsinstitut für Makromolekularchemie, Brno.

PRIBYL, MILOSLAV

17
3
Estimation of hydrogen in hydrocarbons with β -radiation. Miloslav Pribyl (Vojenská tech. akad. Ant. Zápotočského, Brno, Czech.). *Chem. průmysl* 9, 576-8(1959).—The app., its calibration, and the operating procedure (in which Geiger-Müller tubes, impulse counters and β -radiation from Sr^{90} are used) are described. The mean quadratic error calcd. from the analysis of pure hydrocarbons was $\pm 0.18\%$ H, and it is impossible to lower it towards the value of $\pm 0.05\%$, which was stated for similar radiation by Umstätter (*C.A.* 50, 11051d). The method is adequate for liquid nonvolatile hydrocarbons. P. Čech-tin.

Card 1/1

aht

Brz

Pribyl, M.; Havir, J.

Adjustment of the Grote-Krekeler apparatus. p.850.

CHEMICKÉ LISTY (Chemoslovenska akademie ved. Chemoslovensks
spotlcnost chemicks) Praha, Czechoslovakia. Vol.53, No.8, Aug.1959.

Monthly List of East European Accessions (EEAI) LC, Vol.9, No.1, Jan. 1960.

Uncl.

PRIBYL, Miloslav

Hardening of guide surfaces of cast-iron beds. Slevarenstvi
12 no. 7:265-268 J1 '64.

1. Kovosvit National Enterprise, Sezimovo Usti.

PŘIBYL, M; SLOVÁK, Z.

Czechoslovakia

Research Institute for Macromolecular Chemistry,
-- Brno - (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 4, 1963, pp 848-853

"Spectrophotometric Determination of a Small Amount
of Methanols."

2

PRIBYL, M.

60977

Z/009/60/010/05/006/040
E073/E135

5.5800

AUTHOR: Miloslav Přibyl

TITLE: Instrument for Determining Hydrogen in Hydrocarbons¹ by
Means of β -Radiation/9

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 5, pp 240-243

ABSTRACT: On the basis of earlier described results (this Journal, 1959, p 576 etc) the author developed equipment for measuring the intensity of β -radiation by means of two ionization chambers which are connected in the form of a compensation circuit (see Fig 2, p 242). This instrument permits very rapid and accurate determination of the hydrogen content of liquid hydrocarbons with errors not exceeding $\pm 0.03\%$ hydrogen; one estimation takes about 20 minutes. The apparatus is calibrated by measurement of the absorption in pure hydrocarbons whereby the calibration constants are not dependent on time. The here-described instrument is intended for analysis of liquid fuels and lubricating oils. Small quantities of O, N, and S do not influence the results of the measurements but if these elements are contained in large quantities they have to be taken into consideration when

Card
1/2

80377

Z/009/60/010/05/006/040
E073/E135

Instrument for Determining Hydrogen in Hydrocarbons by Means of
 β -Radiation

calculating the hydrogen content. Due to the simplicity
of operation this apparatus is very suitable for routine
analyses and can be easily adapted for continuous
measurement. There are 2 figures, 4 tables and 4
references, of which 3 are English and 1 is Czech. X

Card
2/2

ASSOCIATION: Vojenská akademie Antonín Zápotocký, Brno
(Military Academy Antonín Zápotocký, Brno)

SUBMITTED: November 26, 1959

L 1223-66 EWP(t)/EWP(b) IJP(c) JD CZ/0008/65/059/005/0604/0607
 ACCESSION NR: AP5025849

AUTHOR: Kucеровsky, Zdenek; Pribyl, Miloslav; Siska, Miroslav 14

TITLE: Stabilized source for constant current coulometry

SOURCE: Chemické listy, v. 59, no. 5, 1965, 604-607, and insert facing p. 608

TOPIC TAGS: titrimetry, chemical laboratory apparatus, microchemical analysis 17

Abstract: Coulometric titration at constant current are used in analysis conducted on large numbers of samples. There are however very few sources for the supply of suitable apparatus. The authors describe an apparatus of their own design; it has a range of 0.2 to 40 mA and it is suitable for analysis where a limited amount of the analyzed substance is available, or for microanalysis. It is suitable for concentrations of 0.05 to 3 microequiv/ml, in iodometric determination of small amounts of H_2S (2 to 50 micrograms), and in titanometric determination of iron (0.002%) in Ti salts. Orig. art. has 3 figures and 2 graphs.

ASSOCIATION: Vyzkumny ustav makromolekulární chemie, Brno (Institute for Macromolecular Chemistry)

Card 1/2

L 1223-66

ACCESSION NR: AP5025849

SUBMITTED: 18Apr64

NO REF SOV: 001

ENCL: 00

OTHER: 003

SUB GC

JPRS

mlb
Card 2/2

KUCEROVSKY, Zdenek; PRIBYL, Miloslav; SISKÁ, Miroslav

A stabilized source for constant-current coulometry. Chem
listy 59 no.5:604-607 My '65.

1. Research Institute of Macromolecular Chemistry, Brno.
Submitted April 18, 1964.

HLOUSEK, Miroslav; PRIBYL, Miloslav

"Analytical chemistry of polymers" edited by Gordon M. Kline.
Pts. 2-3. Reviewed by Miroslav Hlousek, Miloslav Pribyl.
Chem prum 13 no. 12: 655-656 D '63.

1. Vyzkumny ustav makromolekularni chemie.

PRIBYL, M.; SLOVAK, Z.

Spectrophotometric determining of small amounts of methanol.
Coll. Cz Chem 28 no.4:848-854 Ap '63.

1. Forschungsinstitut für makromolekulare Chemie, Brno.

CZECHOSLOVAKIA

PRIBYL, M.

Research Institute of Macromolecular Chemistry, Brno

Prague, Collection of Czechoslovak Chemical Communications,
Vol 8, 1963, pp 2158-2162

"Polarometric Determination of Small Coal Dioxyde Particles in Water Solution."

PRIBYL, M.

Determining small amounts of pyridine in the aromatic hydrocarbons.
Coll Cz Chem 27 no.5:1330-1333 My '62.

1. Forschungsinstitut für makromolekulare Chemie, Brno.

PRIBYL, M.

Two cases of intestinal invagination of Meckel's diverticulum. Lek.
listy 5:15-16, 1 Aug., 50. p. 448-50

1. Of the Surgical Department of the State District Children Hospital
in Brno (Head-Head-Physician Vladimir Hazal).

CLML 19, 5, Nov., 1950

PRIBYL, Mirko, MUDr.

Prevention of faulty posture. Acta chir. orthop. traum. cech.
23 no.2:105-107 Feb 56.

1. Z Orthopedické Kliniky MU v Brně, prednosta prof. MUDr.
Bedrich Frejka.
(POSTURE,
defects, prev. (Cz))

MENZLIK, J.; KVIC, M.; TRIBYL, E.; VESELY, K.

Study on the interaction of titanium chloride with triethyl
aluminum. Chem prum 15 no.2:85-89 P '65.

1. Research Institute of Macromolecular Chemistry, Brno.

SOUCEK, J.; PRIBYL, M.; NOVAK, K.

Coulometric determination of water in liquid carbohydrates. Coll
Cz Chem 27 no.2:400-405 F '62.

1. Forschungsinstitut für Makromolekularchemie, Brno.

PRIBYL, M.; SOUCEK, J.

Determining small quantity of acetylene and methylacetylene in gases. Coll Cz Chem 26 no.7:1793-1798 J1 '61.

1. Militar-Akademie "A. Zapotocky", Brno.

(Acetylene)

POVONDRA, P.; ~~PRIBYL, R.~~

Quick methods in the analysis of metals and inorganic raw materials.
Part 13: Chelatometric determination of manganese in ores and slag.
Coll Cz Chem 26 no.9:2164-2168 '61.

1. Institut für Geochemie und anorganische Rohstoffe, Tschechoslo-
wakische Akademie der Wissenschaften, Prag.

(Manganese) (Chelatometry)

PRIBYL, R.

Carcinoid of the appendix and small intestine. Rozhl. chir. 41 no.2:
87-90 F '62.

1. Chirurgické oddělení nemocnice v Caslavi, prednosta MUDr. R. Pribyl.

(ARGENTAFFINOMA surg) (APPENDIX neopl)
(INTESTINE SMALL neopl)

KOSIK, I.; PRIBYL, R.

Volvulus of the gallbladder. Rozhl. chir. 41 no.2:127-130 F '62.

1. Chirurgické oddelení nemocnice v Koline, přednosta dr. M. Possner
Chirurgické oddelení nemocnice v Caslavi, přednosta dr. R. Pribyl.

(GALLBLADDER dis)

VYDRA, F.; PRIBYL, R.

Indirect photometric determination of cobalt by means of phenanthrolineiron (II)-salt. Coll Cz Chem 26 no.12:3081-3085 D '61.

1. Polarographisches Institut, Tschechoslowakische Akademie der Wissenschaften, Prag.

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Experience with a resuscitation room with a minimum number of beds in a surgical ward. Rozhl. chir. 41 no.11:770-772 N '62.

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(SURGERY OPERATIVE) (RESUSCITATION)